

MATHEMATICS
GRADE LEVEL
CONTENT
EXPECTATIONS

Math Across the Grades v.12.05

MATHEMATICS Strand and Domain Codes

N NUMBER AND OPERATIONS STRAND

- Domains
- ME Meaning, notation, place value, and comparisons
 - MR Number relationships and meaning of operations
 - FL Fluency with operations and estimation

A ALGEBRA STRAND

- Domains
- PA Patterns, relations, functions, and change
 - RP Representation
 - FO Formulas, expressions, equations, and inequalities

M MEASUREMENT STRAND

- Domains
- UN Units and systems of measurement
 - TE Techniques and formulas for measurement
 - PS Problem solving involving measurement

G GEOMETRY STRAND

- Domains
- GS Geometric shape, properties, and mathematical arguments
 - LO Location and spatial relationships
 - SR Spatial reasoning and geometric modeling
 - TR Transformation and symmetry

D DATA AND PROBABILITY STRAND

- Domains
- RE Data representation
 - AN Data interpretation and analysis
 - PR Probability

Michigan State Board of Education

Kathleen N. Straus, President
Bloomfield Township

John C. Austin, Vice President
Ann Arbor

Carolyn L. Curtin, Secretary
Ewart

Marianne Yared McGuire, Treasurer
Detroit

Nancy Danhof, NASBE Delegate
East Lansing

Elizabeth W. Bauer, Member
Birmingham

Reginald M. Turner, Member
Detroit

Eileen Lappin Weiser, Member
Ann Arbor

Governor Jennifer M. Granholm
Ex Officio

Michael P. Flanagan, Chairman
Superintendent of Public Instruction
Ex Officio

Jeremy M. Hughes, Ph.D.
Deputy Superintendent/Chief Academic Officer

Dr. Yvonne Caamal Canul, Director
Office of School Improvement

Professional organizations whose members have contributed to the development of Michigan's K-8 Grade Level Content Expectations through their work on committees:



Michigan Council of
Teachers of Mathematics